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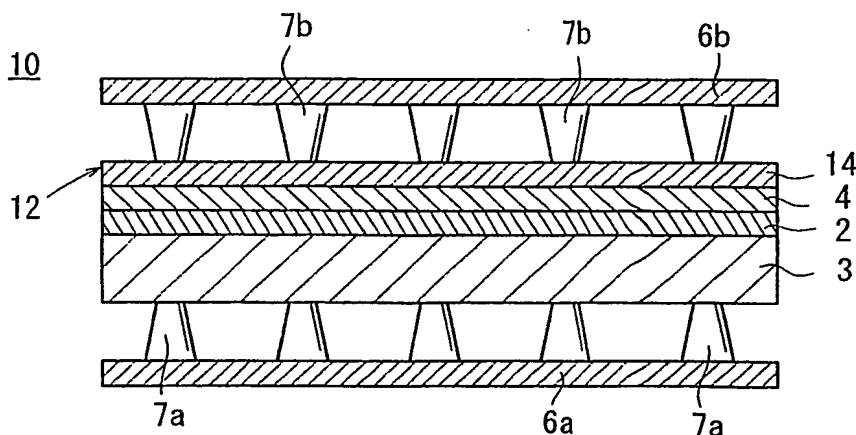
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(54) Title: ELECTROLYTE ELECTRODE ASSEMBLY AND METHOD OF PRODUCING THE SAME



(57) Abstract: A unit cell (10) of a fuel cell is formed by sandwiching an electrolyte electrode assembly (12) between a pair of separators (6a, 6b). The separators (6a, 6b) include bosses (7a, 7b) protruding toward an anode (3) or a cathode (4). On one surface of the electrolyte electrode assembly (12) facing the separator (6b), the cathode (4) is provided. Then, an electron diffusion layer (14) is provided on the cathode (4). Electrons which reach the electron diffusion layer (14) through the bosses (7b) are diffused over the entire area of the electron diffusion layer.

(14). By the electrons, reduction of oxygen in the oxygen-containing gas which has passed through a second passage between the bosses (7b) occurs. As a result, oxide ions ( $O^{2-}$ ) are generated.

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